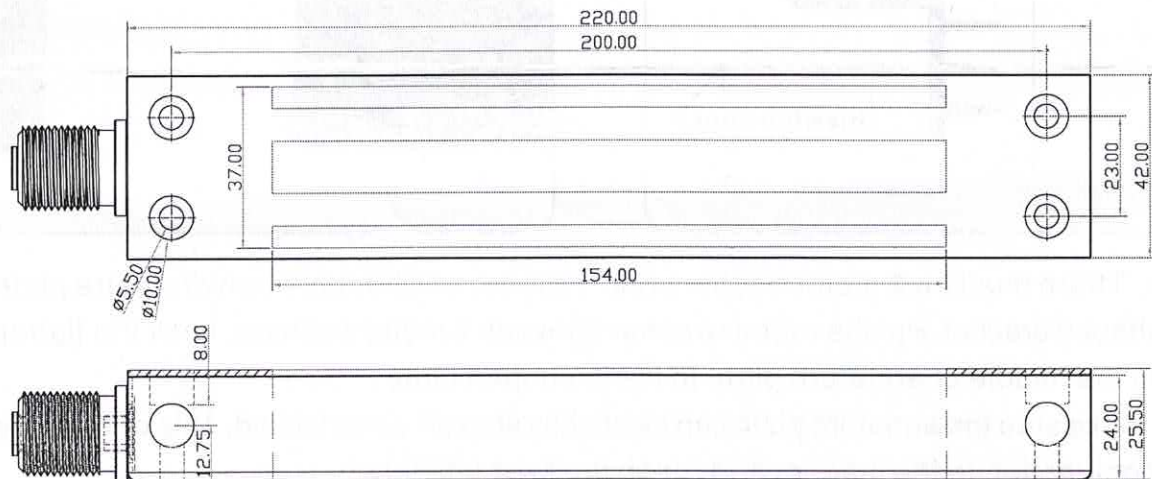


# Waterproof Magnetic Lock

## Specification

Dimension	220Lx42Wx25.5H(mm)
Holding Force	280kg(600Lbs)
Voltage	12V DC or 24V DC
Current	12V/500mA±10%    24V/250mA±10%
Signal Output	Lock signal NO/COM
Suitable for	Safety door fireproof door iron door aluminum door
Operating Temp	-20 °C ~+55 °C (-4-131 °F)
IP rate	IP-68
Weight	2.1kg

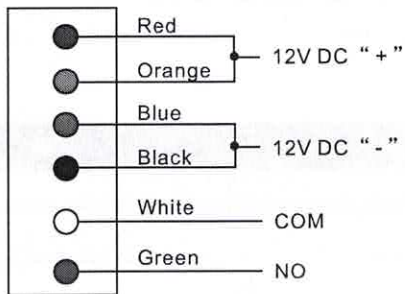
## Diagram



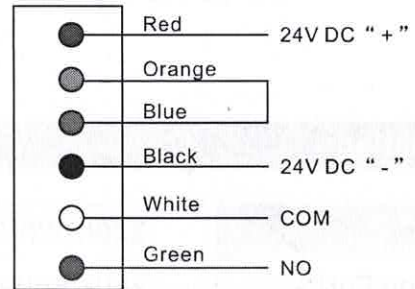
- ▲ Notice:** Please read the following instructions before installation.
- Please handle the lock carefully. Any damage of the surface or the armature plate will reduce the magnetic force.
  - Fix the lock on the door frame and the armature plate on the door leaf. The accessories can provide better conjunction to the lock and the armature plate.
  - Please keep the door closed when you drill holes.
  - Fasten the screws of the lock.
  - The limit value of the reed switch of the door signal detection is 0.5A/30V DC. Don't overload.
  - Make sure the armature plate can be slightly shaken when locked, for the rubber washer need some spaces to adjust the position of the armature plate and the lock.
  - Please select the correct wiring for DC 12V or DC 24V voltage input.

## Wire Diagram

### A. 12V DC Input

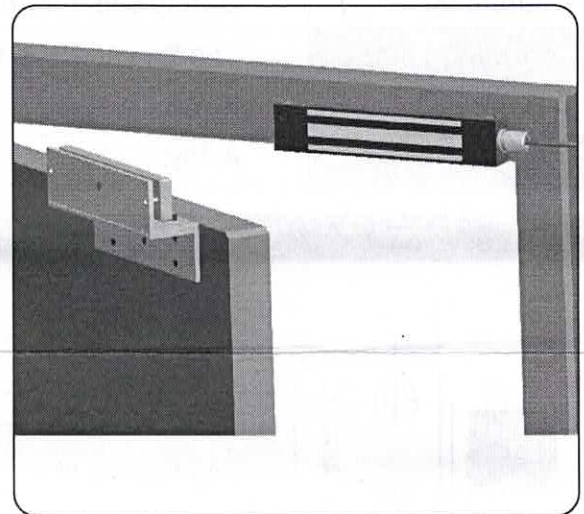
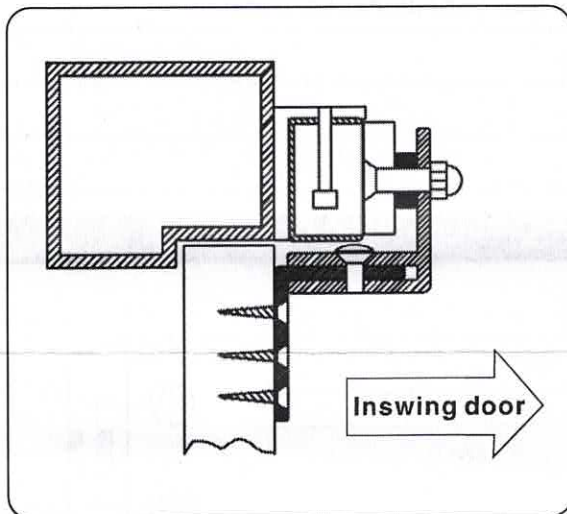


### B. 24V DC Input



## ZL Bracket

**ZL Bracket-For inward opening door** For inward opening door, ZL bracket is needed.



**Step 1:** There must be 2 metal washers and 1 rubber washer between armature plate and Z-shaped bracket. Put the rubber washer between 2 metal washers. Lock the flattop screw in the middle of armature plate to the Z-shaped plate.

**Note:** Make sure the armature plate can be slightly shaken when locked. This will provide better conjunction to the magnet and reach the best efficiency.

**Step 2:** Drill 5 holes for the fixing the Z-shaped plate on the door fan. Make sure the positions of hole correspond to the magnet. Fasten the Z-shaped plate into the door fan firmly. Adjust the proper conjunction between Z-shaped plate and sheer strike plate.

**Note:** The Z-shaped plate should be equipped with the anti-sliding washers to avoid sliding.